

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for file sharing over a first network, comprising:

authenticating a user on a first computer connected to a second computer by the first network;

creating a temporary directory on the second computer if the user is authenticated, wherein the temporary directory has at least a partially random directory name;

receiving a request for a first file from the user on the first computer to the second computer, wherein the first file is on a third computer connected to the second computer by a second network;

determining whether the user on the first computer is permitted access to the first file;

creating a symbolic link in the temporary directory on the second computer if the user is permitted access, wherein the symbolic link points to the first file on the third computer;

creating a web page description including an URL comprising a path to the first file in the temporary directory on the second computer;

transmitting the web page description to the first computer via the first network; and

deleting the temporary directory on the second computer.

Claim 2 (previously presented): The method of Claim 1, wherein the symbolic link is a Unix symbolic link.

Claim 3 (currently amended): The method of Claim 1, wherein the symbolic link is a text file containing a path to the first file on the third computer, wherein said transmitting the web page description includes reading the text file in the temporary directory and in response to the text file retrieving the first file on the third computer to the first computer.

Claims 4 and 5 (canceled).

Claim 6 (previously amended): The method of Claim 1, further comprising creating a random session identification for the user on the first computer subsequent to said authenticating a user and prior to said creating a temporary directory, wherein the at least partially random directory name comprises at least partially of the session identification.

Claim 7 (canceled).

Claim 8 (previously presented): The method of Claim 1, further comprising:

determining if a second directory on the third computer has reached a predetermined capacity; and

if the second directory has reached the predetermined capacity, creating on the third computer a third directory with a third directory name that is sequentially incremented from a second directory name of the second directory.

Claim 9 (previously presented): The method of Claim 1, further comprising the acts of:

searching for a second directory on the third computer that was last backed up and a third directory that was most recently created; and

backing up all directories on the third computer having directory names sequentially between a second directory name of the second directory and a third directory name of the third directory.

Claim 10 (previously presented): The method of Claim 1, further comprising backing up a second directory on the third computer that was previously backed up if the number of files currently in the second directory is substantially less than the original number of files in the second directory.

Claim 11 (previously presented): The method of Claim 10, wherein the number of files currently in the second directory is substantially less than the original number of files in the second directory if the ratio of the number of files currently in the second directory to the original number of files in the second directory is less than a predetermined amount.

Claim 12 (original): The method of Claim 1, further comprising:

receiving a second file from the first computer to the second computer; and
moving the second file to the third computer.

Claim 13 (original): The method of Claim 12, further comprising saving the second file in the third computer with a file name that is sequentially incremented from a file name of a third file that was previously saved in the third computer.

Claims 14 to 32 (canceled).

Claim 33 (currently amended): A method for a web server to provide a file from a file server to a client computer, wherein the web server and the client computer are connected by a first network, and the web server and the file server are connected by a second network, the method comprising:

authenticating a user on the client computer;
creating a temporary directory on the web server if the user is authenticated, wherein the temporary directory has at least a partially random directory name;
receiving a request for the file from the user on the client computer to the web server, wherein the file is located on the file server;
creating a link in the temporary folder on the web server, wherein the link points to the file on the file server;
creating an URL comprising a path to the file in the temporary directory on the web server;
transmitting the URL to the client; and

deleting the temporary directory on the web server.

Claims 34 and 35 (canceled).

Claim 36 (previously presented): The method of Claim 33, further comprising determining whether the user has access to the file subsequent to said receiving a request and prior to said creating a link.

Claim 37 (previously presented): The method of Claim 33, further comprising creating a random session identification for the user on the client computer subsequent to said authenticating a user and prior to said creating a temporary directory, wherein said at least partially directory name comprises at least partially of the session identification.

Claim 38 (previously presented): The method of Claim 33, further comprising:

determining if a first directory on the file server has reached a predetermined capacity; and

if the first directory has reached the predetermined capacity, creating on the file server a second directory with a second directory name that is sequentially incremented from a first directory name of the first directory.

Claim 39 (previously presented): The method of Claim 33, further comprising the acts of:

searching for a first directory on the file server that was last backed up and a second directory that was most recently created; and

backing up all directories on the file server having directory names sequentially between a first directory name of the first directory and a second directory name of the second directory.

Claim 40 (previously presented): The method of Claim 33, further comprising backing up another directory on the file server that was previously backed up if the number of files currently in said another directory is substantially less than the original number of files in said another directory.

Claim 41 (previously presented): The method of Claim 40, wherein the number of files currently in said another directory is substantially less than the original number of files in said another directory if the ratio of the number of files currently in said another directory to the original number of files in said another directory is less than a predetermined amount.

Claim 42 (previously presented): The method of Claim 33, further comprising:

receiving another file from the client computer to the web server; and
moving said another file to the file server.

Claim 43 (previously presented): The method of Claim 42, further comprising saving said another file in the file server computer with a file name that is sequentially incremented from a file name of yet another file that was previously saved in the file server.